IN THE CLAIMS:

Please amend the claims as follows:

1.   (cancelled)

2.   (currently amended)   The system of Claim 5 1, further comprising a stereotactic frame, wherein the reference platform is attached to the stereotactic frame.

3-4.   (cancelled)

5.   (currently amended)   A deep brain stimulation system comprising:

a cannula having a lumen and a slit, the slit extending through a portion of a length of the cannula;

an elongated medical device dimensioned to be insertable within the cannula lumen, the medical device comprising an offset portion that extends laterally out of the cannula through the slit when the medical device is inserted in the lumen;

a reference platform for supporting the medical device; and

a lock for releasably securing the offset portion of the elongated medical device to the reference platform, the lock engaging the offset portion which extends through the cannula;

The system of Claim 1, wherein the elongated medical device includes a lumen along its length, wherein the lumen of the elongated medical device does not extend through the offset portion.

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6.   (cancelled)

7.   (currently amended)   The system of Claim <u>13</u> 6, further comprising a stereotactic frame, wherein the reference platform is attached to the stereotactic frame.

8-9.   (cancelled)

10.   (currently amended)   <u>A deep brain stimulation system comprising:</u>

<u>a cannula having a lumen therein for passage of a medical device into a patient and a slit, the slit extending through a portion of a length of the cannula, the medical device comprising an offset portion that extends laterally out of the cannula through the slit when the medical device is inserted in the lumen;</u>

<u>a reference platform for supporting the medical device; and</u>

<u>a lock for releasably securing the offset portion of the medical device to the reference platform, the lock engaging the offset portion which extends through the cannula slit;</u>

~~The system of Claim 6,~~ wherein the offset portion further comprises a paddle electrode connector.

11.   (previously presented)   The system of Claim 10, wherein the paddle electrode connector is configured to form an electrical connection with an operating room cable, wherein the cable is configured to connect to an external trial stimulator.

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12. (currently amended) A deep brain stimulation system comprising:

a cannula having a lumen therein for passage of a medical device into a patient and a slit, the slit extending through a portion of a length of the cannula, the medical device comprising an offset portion that extends laterally out of the cannula through the slit when the medical device is inserted in the lumen;

a reference platform for supporting the medical device; and

a lock for releasably securing the offset portion of the medical device to the reference platform, the lock engaging the offset portion which extends through the cannula slit;

~~The system of Claim 6,~~ wherein the medical device includes a lumen that does not extend through the offset portion.

13. (currently amended) A deep brain stimulation system comprising:

a cannula having a lumen therein for passage of a medical device into a patient and a slit, the slit extending through a portion of a length of the cannula, the medical device comprising an offset portion that extends laterally out of the cannula through the slit when the medical device is inserted in the lumen;

a reference platform for supporting the medical device; and

a lock for releasably securing the offset portion of the medical device to the reference platform, the lock engaging the offset portion which extends through the cannula slit;

~~The system of Claim 6,~~ wherein the cannula is configured to be removable from the medical device and the lock without disturbing the position of the medical device.

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14.   (cancelled)

15.   (currently amended)   The method of Claim <u>16</u> ~~14~~, further comprising the step of fastening the lead lock to a reference platform of a stereotactic frame.

16.   (currently amended)   <u>A method for securing a lead in a deep brain stimulation system comprising the steps of:</u>

<u>providing a cannula with a lumen and a slit, the slit extending through a portion of a length of the cannula;</u>

<u>inserting a lead into the lumen of the cannula, the lead having an offset portion that extends laterally out of the cannula through the slit when the lead is inserted in the lumen; and</u>

<u>releasably securing the offset portion of the lead to the reference platform through the slit using a lead lock;</u>

~~The method of Claim 15,~~ the offset portion of the lead further including an electrode connector.

17.   (currently amended)   The method of Claim <u>16</u> ~~14~~, wherein the step of securing comprises clamping the lead lock to the lead.

18.   (currently amended)   The method of Claim <u>16</u> ~~14~~, wherein the step of securing comprises pinching the lead with the lead lock.

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19.   (currently amended) The method of Claim 16 14, wherein the step of securing comprises suturing the lead to the lead lock.

20.   (currently amended) The method of Claim 16 14, wherein the step of securing comprises piercing the lead with the lead lock.

21.   (currently amended) The system of claim 5 1, wherein the lock, when engaged, is configured to prevent further passage of the elongated medical device through the lumen.

22.   (currently amended)   The system of claim 12 6, wherein said medical device comprises at least one or more of a lead, a catheter, a microelectrode, and a stylet.

23.   (currently amended)   The system of claim 12 6, wherein said medical device includes a lumen and wherein said system further comprises a microelectrode dimensioned to be insertable into the lumen of the medical device.

24.   (currently amended)   The system of claim 12 6, wherein said cannula is removeably coupled to said reference platform.

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